

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) A compressor, comprising:
a closed container;
a compressor element section housed in a lower portion of the closed container; and
an electric motor element section housed in an upper portion of the closed container
and including
a rotor having an upper end surface,
a stator disposed on an outer periphery of the rotor,
an end plate provided on ~~[[an]]~~ the upper end surface of the rotor, and
an oil separation plate installed on the end plate and forming a through hole,
the end plate including a main section and a projection projecting from the
main section and fitted in the through hole, the main section including
a base section placed on the upper end surface of the rotor and an
installation section provided on a center portion of an upper face of the
base section, the projection projecting upward from an upper face of
the installation section,
the oil separation plate including a central part having the through hole and a
peripheral part opposed to and spaced from the upper face of the base
section of the end plate,
the projection of the end plate including a projected part projected from the
through hole of the oil separation plate and including a cone-shaped
recess with a diameter that gradually decreases downward on an upper
face of the projection, the projection being partly crushed to remain a
portion of the cone-shaped recess and to integrate the oil separation
plate with the end plate, a bottom portion of the cone-shaped recess
existing in a state of the projection being crushed.
- 2-3. (Cancelled)

4. (Previously Presented) The compressor according to claim 1, wherein a material of the projection is die casting aluminum alloy.

5. (Currently Amended) A method of plate installation, comprising:
mounting a plate member on a supporting base plate by fitting a projection of the supporting base plate into a through hole of the plate member to project a top end part of the projection from the through hole, the supporting base plate having a projection with a cone-shaped recess on an upper face of the projection and being made of aluminum die casting alloy, the cone-shaped recess having an opening diameter of about 50% of an outer diameter of the projection and a depth of 10 to 15 % of the outer diameter of the projection; and
crushing a projected part of the projection from the through hole except for a portion of the cone-shaped recess on the projection by applying a downward pressing force to the projected part so as to integrate the plate member with the supporting base plate such that a bottom portion of the cone-shaped recess exists in a state of the projection being crushed.

6. (Currently Amended) A compressor, comprising:
a closed container;
a compressor element section housed in a lower portion of the closed container; and
an electric motor element section housed in an upper portion of the closed container
and including
a rotor having an upper end surface,
a stator disposed on an outer periphery of the rotor,
an end plate provided on [[an]] the upper end surface of the rotor, and
an oil separation plate installed on the end plate and forming a through hole,
the end plate including a main section and a projection projecting from the
main section and fitted in the through hole, the main section including
a base section placed on the upper end surface of the rotor and an
installation section provided on a center portion of an upper face of the
base section, the projection projecting upward from an upper face of
the installation section,

the oil separation plate including a central part having the through hole and a peripheral part opposed to and spaced from the upper face of the base section of the end plate,

the projection of the end plate including a projected part projected from the through hole of the oil separation plate and a cone-shaped recess with a diameter that gradually decreases downward on an upper face of the projection,

the cone-shaped recess having an ~~outer~~ opening diameter of about 50% of an outer diameter of the projection and a depth of 10 to 15% of the outer diameter of the projection, and

the projection being crushed to integrate the oil separation plate with the end plate, a bottom portion of the cone-shaped recess existing in a state of the projection being crushed.